AUCKLAND INSTITUTE AND MUSEUM

ANNUAL REPORT

FOR 1903-4

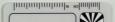


ADOPTED AT THE ANNUAL MEETING HELD FEBRUARY 29th, 1904.

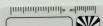
AUCKLAND:

THE BRETT PRINTING AND PUBLISHING COMPANY, LTD. SHORTLAND AND FORT STREETS.

MDCCCG







AUCKLAND INSTITUTE AND MUSEUM

ANNUAL REPORT

FOR 1903-4

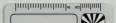
8

ADOPTED AT THE ANNUAL MEETING HELD FEBRUARY 29TH, 1904.

AUCKLAND

THE BRETT PRINTING AND PUBLISHING COMPANY, LTD. SHORTLAND AND FORT STREETS.

MDCCCCIV.





OFFICERS

OF THE

AUCKLAND INSTITUTE.

President:

PROF. A. P. THOMAS, F.L.S.

Vice-Presidents:

E. ROBERTON, Esq., M.D. J. STEWART, Esq., M.I.C.E.

Council:

BROWN, PROF. F. D. MILLER, E. V., ESQ.

COOPER, C., ESQ. PEACOCK, T., ESQ.

HAINES, H., ESQ., F.R.C.S. PETRIE, D., ESQ.

HOWELL, J. H., BSC. REID, J., ESQ.

KIRKER, J., ESQ. SEGAR, PROF. H. W.

UPTON, J. H., ESQ.

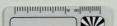
BROWN, PROF. F. D. PEACOCK, T., Esq. UPTON, J. H., Esq.

Secretary and Curator:

T. F. CHEESEMAN, F.L.S., F.Z.S.

Auditor:

W. GORRIE, Esq.



The following

MAGAZINES AND PERIODICALS

Are Circulated among the Members:

QUARTERLY JOURNAL OF MICROSCOPI-CAL SCIENCE.

THE IBIS.

NATURE.

GEOLOGICAL MAGAZINE.

LANCET.

BOTANICAL MAGAZINE.

ANNALS OF BOTANY.

GARDENERS' CHRONICLE.

CHEMICAL NEWS.

ELECTRICAL AND TELEGRAPHIC REVIEW.

ANNALS AND MAGAZINE OF NATURAL HISTORY.

THE PHILOSOPHICAL MAGAZINE.

AMERICAN JOURNAL OF SCIENCE.

Report of the Council.

In accordance with the rules of the Society, the Council have now to present to the members their Thirty-sixth Annual Report on the financial and general condition of the Institute, and its progress during the past year.

Members.—Sixteen new members have been elected during the year. On the other hand, fourteen names have been with drawn from the roll: six from death, four from resignation, and four from non-payment of subscription for more than two consecutive years. There is thus a net gain of two, the number on the roll at the present time being 165. The members removed by death are Messrs. A. D. Austin, W. Berry, A. Buckland, J. Chambers, L. Cussen, and J. Hume, nearly all of whom have been associated with the Institute for many years.

Finance.—For full information respecting the financial position of the Institute, reference should be made to the balance-sheets appended to this Report, but the following abstract may be useful. The total income of the Working Account, omitting the balance of £59 18s. 6d. n hand at the commencement of the year, has been £872 18s. 7d. This shows a slight increase on the amount realized last year, which was £851 14s. 8d. Examing the separate items, it will be seen that the Museum Endowment, which now constitutes one of the chief sources of the revenue of the Society, has yielded £344 13s. 4d., the amount for the previous year being £375 15s. 7d. The invested funds of the Costley bequest have contributed £357 10s, the sum for 1902-1903 being £325 13s. 9d. From the members' subscriptions £131 5s. has been received, showing a reduction of £10 10s. on the amount for last year. The total expenditure has been £809 7s. 10d., leaving a balance of £123 9s. 3d. in the Bank of New Zealand. The Council are glad to report that the invested funds of the Society are in a satisfactory state. The total amount at the present time is £16,226 12s. 5d., showing an increase of £2,230 6s. 3d. during the year. The addition consists of the Mackechnie bequest of £2,000 for the endowment of the Library, presently to be alluded to, and a sum of £230 derived from the sale of certain portions of the landed endowment of the Museum.

Meetings.—Nine meetings have been held during the year, ich the following papers were read and discussed:—

- Introductory Address: By the President, Prof. A. P. Thomas, F.L.S.
- 2. The Spectroscope and its use in Scientific Research:—By J. H. Howell, B.Sc.
- 3. Note on a Branched Cocoanut Palm :—By R. B. Walkond.
- On an Abnormal Growth of Phormium Colensoi:—By the Rt. Rev. W. L. WILLIAMS.
- A Note on Drawing for Competitions:—By Prof. H. W. Segar.
- Note on the Veracity of the Age-returns in the Census of 1900:—By Prof. H. W. Segar.
- A Comparison of the Age-distribution of the Population of the four chief Provincial Districts:—By Prof. H. W. Segar.
- On certain Statistics on the Trend of English Commerce:
 By Prof. H. W. Segar.
- 9. Radiation: By Prof. F. D. Brown.
- On the Maori Method of Preparing and Using Kokowai :— By Archdeacon Walsh.
- On the Interferometer:—By E. V. MILLER.
- 12. Mr. Gladstone: By the Rev. H. Anson.
- 13. Maori Medical Lore :—By Dr. W. H. GOLDIE.
- 14. The Northern Wairoa :- By E. K. MULGAN.
- Marriage Customs of the Maoris:—By Elsdon Best.
- On the Fossils of the Waitemata Series:—By E. CLARKE.

A selection from the above will appear in the next volume of "Transactions," now being sent to press.

Museum.—With the exception of a short period devoted to cleaning and rearrangement, the Museum has been open daily to the public throughout the year during the usual hours—from 10 a.m. to 5 p.m. on week-days, and from 2 to 5 p.m. on Sundays. The attendance of visitors has been satisfactory. The register kept by the jamitor shows that on Sunday afternoons 13,377 people entered the building, being an average of 257 for each Sunday. The greatest attendance was 378 on August 23rd; the smallest 80 on July 5th. On the five chief holidays of the year —New Year's Day, Good Friday, Easter Monday, King's Birthday, and Boxing Day—the total attendance was 1,181, or an average of 236 for each day. On ordinary week days the visitors

7

can only be occasionally counted; but the average attendance is certainly not less than 100 per day. With the number previously given, a calculation on this basis would make the total attendance to be 45,360. Last year the number was estimated at 43,956. It is worthy of remark that the average attendance on Sunday afternoon, when the Museum is only open for therehours, is in excess of the average for the chief holidays, when the Museum is open for the whole day.

In the Report for the previous year the Council stated that an application had been made to the Government for a pound for pound subsidy equivalent to the amount (£1000) subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Antiquities. During the recent session of Parliament the matter was again revived, and warmly advocated by the members for the City of Auckland and the suburbs, with the result that the Government consented to place a vote of £1,000 on the Supplementary Estimates. This was agreed to by Parliament, and the Premier, in a recent interview with the Council, engaged that the money would be at once made available for defraying the cost of an annexe to the Maori Hall. Under these circumstances, the Council have arranged for the erection of a hall 50ft. square, to occupy the vacant space between the Statue Hall and the Main Hall. One portion of the building will contain the Maori carved house, Rangitihi, which has been in the possession of the Museum for some time, but which for want of funds has not yet been erected; the remainder will form an exhibition gallery for Ethnological specimens. In structural details the new building will agree with the Maori Hall, the walls and floor being of brick or concrete, and the roof of iron and glass. The cost of erection will absorb the whole of the grant, so that after its completion other arrangements will be required for putting up the Maori house, and for the show-cases and other fittings required for the exhibition gallery. But the acquisition of the building alone will be a distinct advantage, and one upon which the Museum may be safely congratulated.

The chief additions made to the Museum during the year have been in the Ethnographical Department. Special mention may be made of an interesting series of Moriori stone weapons, purchased from Mr. R. Shand, late of the Chatham Islands; of some Maori kites, kindly obtained for the Museum by Mr. Elsdon Best, of Ruatahuna; of a collection of Australian stone weapons, forwarded in exchange by Mr. J. Williamson, of Victoria; and of a set of pre-historic flint implements from Central Africa, presented by Col. Seton-Karr. The Council have frequently mentioned the slow progress made by the Zoological side of the Museum, so that they have some little satisfaction in stating that there is every prospect of an important addition

being made to this department at no distant date. It will be in the recollection of members that the late Mrs. Mackechnie bequeathed asum of £500 to be expended, at the discretion of her exceutor, in suitable additions to the Museum. This gentleman has intimated his desire that the bequest should be expended in the purchase of stuffed groups of the larger animals, set up in the best style of taxidermy, and protected by suitable plate-glass cases. Preliminary enquiries are now being made, and it is hoped that an order for the first of the groups will soon be taken in hand.

Library.—The Council have but little to report under this head. Few purchases of books have been made, but a considerable expenditure has been incurred in binding the arrears of scientific journals, publications of societies, etc. The usual exchanges and presentations from foreign societies have been received, together with the magazines and periodicals subscribed to by the Institute, a list of which will be found on another page. The most important donation of books received consists of 48 volumes of books dealing with the history of India, formerly the property of the late Bishop Cowie, and presented to the library in remembrance of him by his family. The Mackechnie bequest of £2000, the annual interest on which must be applied solely to the purchase of books, has been duly paid over and invested. In the future it will provide a regular fund for the augmentation of the library, and will enable the Council to extend its usefulness in a manner which could not be attempted with the slender funds to be spared from the ordinary revenue of the Society.

Little Barrier Island.—The management of the Little Barrier Island as a reserve for the preservation of the avifauna of New Zealand still remains in the hands of the Institute, the Government contributing an annual grant of £200 to cover the necessary expenses. The Curator, Mr. Shakespear, reports that no attempt has been made to molest the birds, and that no unauthorised persons have landed on the island. The Council entertain no doubt that if a resident guardian is maintained on the island it will long remain a secure home for a considerable portion of the avifauna of New Zealand.

In conclusion, the Council have to thank the members and others for the assistance and encouragement they have given towards furthering the objects of the Institute. They trust that the same liberal support will be again afforded during the coming year.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

FEBRUARY 18, 1903, to FEBRUARY 24, 1904.

WORKING ACCOUNT.

	£ s. d.		£	s.	д
Balance in the Bank of New Zealand, Feb. 18, 1903	59 18 6	Books, Periodicals, Binding	. 91	. 5	,
Subscriptions	131 5 0	Additions to Museum	. 35	18	,
Interest from Costley Bequest	357 10 0	Museum Requisites	. 26	6	,
Rents and Interest transerred from Museum Endow-		Salaries	. 423	12	
ment Account	344 13 4	Printing, Advertising, Insurance, Gas, Stationery	,		
Interest from Nathan Bequest	5 0 0	Postages, and other Expenses	. 99	2	
Interest from Life Subscription Account	8 14 6	Land Tax	. 30	15	,
Contractor's Deposit	25 0 0	Investment Account to reduce Loan for Erection of	f		
Sundries	0 15 9	Statue Hall	. 100	0	
		Miscellaneous	. 2	7	
		Balance in Bank of New Zealand, Feb. 24, 1904	. 123	9	,
			-	-	
	£932 17 1		£932	17	

Examined and found correct,

W. GORRIE,

T. F. CHEESEMAN,

Teasurer.

February 25, 1904.

Auditor.

MUSEUM ENDOWMENT ACCOUNT

MOSEOW	A ENDOW	MENT ACCOUNT.				
Balance in the Bank of New Zealand, Feb. 18, 1903 2 Sales of Endowments Rents of Endowments Interest on Investments 2	£ s. d. 12 5 11 234 1 6 86 16 6 265 15 9 598 19 8	Transferred to Working Account			12 13	1
LITT	LE BARRI	ER ACCOUNT.				
Balance in the Bank of New Zealand, Feb. 16, 1904 2	£ s. d. 208 3 4	Salary of Curator		£ 150 43 15 £208	0	
MACKEC	HNIE LIB	RARY ACCOUNT.				
Amount of Bequest 2,0 Interest	£ s. d.	Invested in Mortgage Balance in Bank of New Zealand, Feb. 24, 1904		2,000	0	
£2,0	014 0 0		£	2,014	0	

Examined and found correct,

February 25, 1904.

W. GORRIE, Auditor.

T. F. CHEESEMAN,

Treasurer.

Investments of the Auckland Institute.

I.-COSTLEY BEQUEST. £ s. d. On Mortgage on Freehold Security at 5% at 5% at 5% at 5% 4,000 1,200 300 Government 4% Debentures 1.900 Balance of Loan for Erection of Statue Hall ... 300 0 0 Invested in Site of Museum ... 2,500 0 0 Expended in Erection of Ethnological Hall ... 1,500 0 0 Expended in Show Cases and Fittings ... 4,450 0 0 Total of Costley Bequest 12,150 0 0 II.-MUSEUM ENDOWMENT. On Mortgage on Freehold Security at 5% 1,300 0 0 at 4½% at 5% at 6% 1,150 0 0 500 0 0 400 0 0 Government 4% Debentures 1,700 0 0 Dunedin Corporation 41% Tramway Deben-1,000 0 0 tm Loan for Purchase of Maori House ... Balance of Newmarket Property ... 161 1 3 29 2 5 Waiting Investment 0 18 9 6.241 2 5 III.-MACKECHNIE LIBRARY BEQUEST. On Mortgage on Freehold Security at 5% 2,000 0 0 IV.-NATHAN BEQUEST. On Mortgage on Freehold Security at 5% 100 0 0 V .- LIFE SUBSCRIPTION ACCOUNT. ... 150 0 0 On Mortgage on Freehold Security at 5% Deposited in Auckland Savings Bank 35 10 0 185 10 0 Total £20,676 12 5 Proportion available for Interest £16,226 12 5-T. F. CHEESEMAN, Treasurer.

Documents and Securities examined and found in order.

W. GORRIE,

Auditor.

February 25th, 1904.

Additions and Donations

TO THE

LIBRARY AND MUSEUM.

Parliamentary Papers and Reports; New Zealand Hansard for 1903; New Zealand Official Year Book.—The New Zealand Government.

Transactions of the New Zealand Institute, vol. 35.—The Manager of the New Zealand Institute.

Journal of the Polynesian Society, vol. 12.—The Society.

Annual Report of the Department of Mines, New South Wales.—The Department.

Journal of the Linnean Society of New South Wales, vol. 28.—The Society.

Journal and Proceedings of the Royal Society of New South Wales, vol. 36.—The Society.

Report of the Australian Museum, Sydney.—The Museum.

Proceedings of the Royal Society of Victoria, vol. 16.—The Society.

Proceedings of the Royal Society of Queensland, vol. 17.—The Society.

Journal and Proceedings of the Australasian Association, vol. 9.—The Association.

United States Consular Reports.—The Secretary of State, United States of America.

of America.

Annual Report of the Smithsonian Institution for 1900; Proceedings of
the United States National Museum, vols. 23, 24, 25; Ridgway's
Birds of North and Middle America, vol. 2; Gear's List of Publications of the National Museum; Le Bianco's Methods for the Preservation of Marine Animals; Needham's Directions for Collecting and
Rearing Dragon-dies and their allies; Miller's Directions for Preparing Fundy Specimens of small Mannuals; Wirt Tassin's Directions
of Smith States of Small Amanuals; Wirt Tassin's Directions
of Preparing Fossils; Coville's Directions for Collecting and Preparing Fossils; Coville's Directions for Collecting Rocks and the Preparation of this Sections; Paine's
Children's Room in the Smithsonian Institution.—The Smithsonian
Institution.

Annual Report of the American Museum of Natural History; Bulletin, vol. 16; Results of the Jessup Expedition; List of Papers published in the Bulletins.—The Museum.

Annual Report of the Field Columbian Museum; Millepaugh's Flora of St. Croix; Botanical Series, vol. 1; Darsey's Mishongnori Ceremonies; Williston's North American Plesiosaurs; Elliot's Descriptions of new Mammals, and the Mammals of Northern California and Oregon.—The Field Columbian Museum.

Exploration of Hayes' Creek Mound.—The Valentine Museum, Richmond, U.S.A.

Contributions to the United States National Herbavium, vol. 3; Webster's Insects Attacking Growing Wheat; Chittenden's Insect Enemies of the Sugar Beet.—The Department of Agriculture, U.S.A.

Fauna Hawaiiensis, vol. 3.—The Bishop Museum, Honolulu.

Report of the Geological Survey of Canada for 1899; Catalogue of Canadian Birds, part 2; Maps of Manitoba.—The Geological Survey, Canada.

Transactions and Proceedings of the Nova Scotian Institute, vol. 10.— The Institute.

Publications of the Observatory of Rio Janeiro for 1902-1903.—The Observatory.

Proceedings of the Royal Colonial Institute, vol. 34.—The Colonial Institute.

The Raising of Vegetables and Flowers from Seeds.-Sutton and Sons.

Various Parts of the Kew Bulletin and Icones Plantarum for 1902-1903. The Director, Royal Gardens, Kew.

Symons' Monthly Meteorological Magazine.—The Editor.

Reports and Other Publications of the Deutsche Seewarte.—The Seewarte.

Wildeman and Durand's Illustrations of the Flora of Congo, and Studies on the Flora of Katanga.—The Congo Museum, Brussels.

48 Volumes relating to the History of India.—Presented by the Family of the late Bishop Cowie.

Copy of the Times of January 10, 1806, containing an account of Lord Nelson's funeral.—Mrs. Walls.

Skins of Black Teal.—A. E. Kusabs.

Skin of Long-tailed Cuckoo.—H. F. Jackson.

Specimen of *Phalocrocorax Ranfurlyi*.—Exchange from the Canterbury Museum.

Alleged Cross between a Pheasant and Turkey.—W. D. Snelling.

Black Rat. -J. Menzies.

Skull of Crocodile, found at Tauranga.-H. L. Marsac.

Sea-snake (Hydrus platurus), washed up at Matata.-H. L. Burt.

Deformed Shark.—Captain Hopkins.

Moa Bones found at Hokianga .- J. Webster.

Eggs of a Cephalopod, found at Russell.-Captain Farquhar.

Shell of Spirula Peronii, with portion of the Animal attached.—W. Wilson.

New Zealand Shells.—Rev. W. Webster.

Fusus spiralis, dredged in 100 fathoms near Cuvier Island.—C. Hedley.

Tree Lizard (Hoplodactylus) .- Dr. F. M. Purchas.

Marine Shells .- A. Sinclair.

Marine Annelid .- E. Lund.

Various Insects, Lizards, Snakes, etc., from New South Wales.—W. H. Roche.

Stalactitic Sulphate of Iron, from the Kuranui-Caledonian mine.—J. Stevenson.

Various Minerals, Fossils, etc.-A. Sinclair.

Piece of Kauri Gum covered with Barnacles, dredged from a depth of 15 fathoms outside Tiritiri.—Hon. E. Mitchelson.

Fossil Plant-remains from Takapuna. - Trevor Lloyd.

Stones thrown out by the Waimangu Geyser.-E. W. Boucher.

Large Block of White Marble, from Caswell Sound.—J. Cook, s.s. '' $^{\prime\prime}$ Hinemoa."

Slab for Grinding Kokowai, and Rubbers.-Archd. Walsh.

Ancient Carved Figure-head of a Maori War Canoe; Greenstone Drill. —G. Graham.

Large Collection of Moriori Stone Weapons.-Purchased.

Bitumen used by the Maoris as a Masticatory.-Hone Pariora.

Maori Carved Whistie. - C. J. Eller.

Maori Ko, or Spade, dug up in a Swamp at Ruakaka, Whangarei.—J. McLeod.

Stone Flute, found at Rukuhia, Waikato.-J. M. Hall.

Flax-beaters, Fern-pounders, and Stone Axes.-A. Sinclair.

Collection of Australian Stone Weapons.—A. J. Williamson, Victoria.

 $\label{prehistoric} \mbox{Prehistoric Stone Implements from Somaliland.} -\mbox{Col. Seton Karr.}$

Indian Basket from Cashmir.—Miss Haultain.

Chinese Pipe for Smoking Opium; Chinese Coins and Counters.—Inspector of Police, Auckland.

168 Roman, Arabian, and modern Copper Coins; 62 Roman and modern Silver Coins; 3 Gold Coins; 1 Cameo.—Miss S. J. Perston.

Three Copper Coins.—A. Sharp.

Fragment of Old Ship, sunk in Dusky Sound.—Mr. Cook, s.s. "Hinemoa."

Shells, found at the Gate Pah, Tauranga.-G. H. Hall.

Oven Door, from Macrae's Hotel, Wairoa, buried by the Eruption of Tarawera.—E. W. Boucher.



List of Members

FOR THE YEAR ENDING MARCH 31ST, 1904.

[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS *.]

Adams, J., B.A., Thames Aickin, G., Auckland Armitage, F. C., Ellerslie Aubin, E. D., M.E., Thames

Bagmall, L. J., Auckland
Ball, W. T., Auckland
Ball, W. T., Auckland
Ball, W. T., Auckland
Baukart, A. S., Auckland
Bartley, E., Devonport
Bates, T. L., Newcastle, N.S.W.
Batger, J., Auckland
Best, Elsdon, Te Whaiti
Brett, H., Auckland
Broun, Captain T., F.E.S., Drury
Brown, Prof. F. D., Auckland
Brown, J., Epsom
Buchann, J., Auckland
Burgess, E. W., Devonport
Burton, Colonel, Lake Takapuna
Busek, A., Auckland

Cameron, R., Auckland
Campbell, H., Auckland
*Campbell, Sir-J. L., M.D., Auckland
Carey, M. F., Auckland
Carey, M. F., Auckland
Carr, R. A., Auckland
Casey, M., Auckland
Cheal, P. E., Auckland
Cheeseman, T. F., F.L.S., Auckland
Cheeseman, H. H., M.R.C.S., Coromandel

mandel
mandel
mandel
Clark, H. C., Auckland
Clark, E. C., Auckland
Clark, E. H. C., Auckland
Clarke, E. Auckland
Corbrane, W. S., Auckland
Cooper, C., Auckland
Cooper, T., Auckland
Cooper, T., Auckland
Cozens, G., Auckland
Craig, J. J., Auckland
Craig, J. J., Auckland
Cummings, H., Auckland
Cummings, H., Auckland

Dannefærd, S., Auckland

Darby, P., Auckland Duthie, D. W., Auckland Edson, J., Devonport Egerton, Prof. C. W., Auckland Ewington, F. G., Auckland

Farmer, J., London *Fowlds, G., M.H.R., Auckland Fox, C. H., Norfolk Island

George, G., Auckland Gilbert, T., Parnell Girdler, Dr., Auckland Goldie, D., Auckland Goldie, W. H., M.D., Auckland Gororie, W. Auckland Gorrie, W. Auckland Gray, S., Auckland

Haines, C. H., M.D., F.R.G.S., London Haines, H., F.R.C.S., Auckland Hamer, J. H., C.E., Auckland Harding, S., C. A. Takkland Harding, S., C. A. Takhanes Henton, J. S., Auckland Henry, W., Auckland Herbert, T., Parnell Howden, J., Auckland Howden, J., Auckland Howden, J., J. Auckland Hunter, A. J., Parnell

Johnson, H. D., Te Aroha Jones, H. W., Papakura

Kenderdine, J., Auckland Kidd, A., M.H.R., Auckland Kirker, J., Auckland *Kitt, T. W., London Kronfeld, G., Auckland

Larner, V. J., Auckland Lennox, J. M., Auckland *Lennox, W. G., Sydney Leys, T. W., Auckland Lundon, J. R., Auckland Lyell, W. S., Parnell McMillan, C. C., Auckland Mahoney, F., Auckland Mair, Captain, G., Thames Mair, S. A. R., Kangtitkei Mair, Major W. G., Auckland Makgill, R. H., M. R., Auckland Makgill, R. H., M. R., Auckland Masefield, T. T., Auckland Masefield, T. T., Auckland McLean, M., Auckland McLean, M., Auckland McLean, M., Auckland Miller, E. V., Chielsea, G. M., Auckland Miller, E. W., Chielsea, M., Auckland Miller, E. W., Landland Muller, G., Auckland Muller, G., Auckland Muller, G., C., Sandwich Islands Murode, D. L., Auckland Myers, A. M., Auckland Myers, A. M., Auckland Myers, A. M., Auckland

Nathan, L. D., Auckland Neil, J. H., Auckland Nicholson, O. R., Auckland

Pabst, Dr., Auckland
Parker, W. F., Auckland
Parker, W. F., Auckland
Patterson, G. W. S., Auckland
Patterson, G. W. S., Auckland
Patterson, G. W. S., Auckland
Pilleox, W., Devonport
Pintold, Rev. J. T., E.G. S., Parnell
Pond, J. A., Auckland
Potter, A. T., Whangarei
Purchas, Rev. A. G., M.R.C.S.,
Auckland
Purdie, E. C., Auckland
Purdie, E. C., Auckland
Pycroft, H. T., Auckland

Reid, J., Auckland Roberton, E., M.D., Auckland *Russell, T., C.M.G., London Seegner, C., Auckland Segar, Prof. H. W., Auckland Shakespear, R. H., Little Barrier Shakespear, R. H., Little Barrier Shakespear, R. H., Little Barrier Sinclair, A., Auckland Sinth, B. G., S., Auckland Smith, S. P., F. E. G.S., Taranaki Smith, T. H., Auckland Speight, W. J., Auckland Stopford, R. M. D., Auckland Stopford, R. M. D., Auckland Streeter, S. C., Auckland Suter, H., Auckland Suter, H., Auckland

Talbot-Tubbs, Prof. H. A., Auckland Tewsley, H. C., Auckland Thomas, Prof. A. P. W., F.L.S., Auckland Tibbs, J. W., Auckland "Time, H., London Tucker, W. F., Ellerslie

Upton, J. H. Auckland Urquhart, A. T., Karaka

Vaile, E. E., Auckland

Walsh, Archd. P., Waimate Waterworth, A., Auckland Ward, P., Auckland Ward, P., Auckland Webster, J., Hokianga Webster, Rev. W., Wainku "Weetman, S., F.E.G.S., London Will, W., Auckland Williams, T. O., L.R.C.P., Auckland Williams, Right Rev. W. L., Bishop of Waiapu, Napier Wilson, A. P., Auckland Winter, N. A., Onehunga Withy, E., Opotiki Wrigg, A. A., C.E., Auckland

Yates, E., Auckland Young, J. L., Auckland



